

Title (en)

METHOD FOR CONTROLLING DIMMING OF STREET LAMP TO REDUCE POWER CONSUMPTION AND STREET LAMP

Title (de)

VERFAHREN ZUR STEUERUNG DER DÄMPFUNG EINER STRASSENLEUCHTE ZUR VERRINGERUNG DES STROMVERBRAUCHS SOWIE STRASSENLEUCHTE

Title (fr)

PROCÉDÉ POUR COMMANDER LA GRADATION D'UN LAMPADAIRE AFIN DE RÉDUIRE LA CONSOMMATION DE PUISSANCE ET LAMPADAIRE

Publication

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Application

EP 14818046 A 20140625

Priority

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Abstract (en)

[origin: EP3016481A1] The present invention relates to a method for controlling dimming of a streetlamp to reduce power consumption. In the method for controlling the dimming of the streetlamp, the streetlamp comprises a plurality of illumination units, of which dimming can be individually controlled, and at least one illumination unit among the plurality of illumination units has a wattage smaller than that of another illumination unit. According to the present invention, a plurality of LEDs included in a streetlamp are randomly divided according to the direction of progress of a vehicle and dimming of the divided LEDs are controlled with different levels, so that luminance degradation felt by a driver on a road can be minimized. As a result, the present invention can save energy and solve inconvenience to the driver.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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